



# **San Joaquin Valley**

**AIR POLLUTION CONTROL DISTRICT**

## **Draft Amendments to Rule 4354 (Glass Melting Furnaces)**

**District Project # C-1102431**

**Initial Study and Draft  
Negative Declaration**

**July 2010**

**SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT  
GOVERNING BOARD 2010**

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**AIR POLLUTION CONTROL OFFICER**

SEYED SADREDIN



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**A. PROJECT BACKGROUND INFORMATION**

**1. Project Title:**

Draft Amendments to Rule 4354 (Glass Melting Furnaces)

**2. Lead Agency Name and Address:**

San Joaquin Valley Unified Air Pollution Control District  
1990 E. Gettysburg Avenue  
Fresno CA 93726-0244

**3. Contact Person:**

CEQA: Jessica Willis  
(559) 230-6000

Planning: Sandra Lowe-Leseth  
(559) 230-6100

**4. Project Location:**

The draft amendments apply to flat glass manufacturers located within the boundaries of the San Joaquin Valley Unified Air Pollution Control District (see Exhibit 1, Map of District boundaries).

**5. Project Sponsor's Name and Address:**

San Joaquin Valley Unified Air Pollution Control District  
1990 E. Gettysburg Avenue  
Fresno CA 93726-0244

**6. Assessor's Parcel Number:**

Not applicable to this project.

**7. General Plan Designation/Zoning:**

Not applicable to this project.

**8. Project Description:**

The amendments to Rule 4354 provide flexibility for flat glass manufacturers to defer meeting the Tier 3 emission limitation in January 1, 2011 provided they meet the "Flat Glass early enhanced" emission limits by January 2014 instead of January



2018. The proposed compliance option would achieve additional longer term emission reduction by complying with "Tier 4 enhanced" emissions limitations four years earlier than would otherwise be required by the rule in return for flexibility in meeting the interim Tier 3 emissions limitation.

The proposed amendments to Rule 4354 will not affect the meaning, scope of, or prohibitions contained in current rule language. Implementation of the proposed amendments will not affect the existing emission limits that have been in place since 2008. Furthermore, the amendments change only the final implementation compliance date for a single existing facility.

The proposed amendments would not change or affect the existing emission limits and requirements for container glass manufacturing and fiberglass manufacturing facilities.

**9. Other Agencies Whose Approvals Are Required and Permits Needed:**

Adoption of the proposed *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* by the District's Governing Board does not require permits from any other agency.

**10. Name of Person Who Prepared Initial Study:**

Jessica Willis, Air Quality Specialist  
San Joaquin Valley Unified Air Pollution Control District  
1990 E. Gettysburg Avenue  
Fresno CA 93726-0244

**B. FINDINGS**

District staff has prepared the *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting Staff Report which considers potential impacts that adoption of the proposed amendments could have on air quality. Pursuant to CEQA Guidelines §15063(a), District staff prepared an Initial Study for the proposed project, which considers additional environmental impacts. The District finds that there is no substantial evidence, in light of the whole record before the District, that the project may have a significant effect on the environment. District staff has prepared a Draft Negative Declaration for the project. Upon approval of the proposed recommendations by the District's Governing Board, District staff will file a Notice of Determination with each County Clerk within the boundaries of the District, CEQA Guidelines §15075(d).



**Exhibit 1**  
**San Joaquin Valley Unified Air Pollution Control District Boundaries**





**C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED**

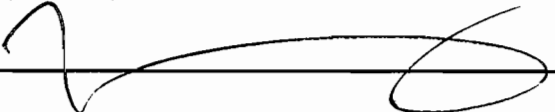
The environmental factors checked below would be potentially affected by the proposed project, involving at least one impact that is a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated", as indicated by the checklist on the following pages.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aesthetics               | <input type="checkbox"/> Agriculture Resources         | <input type="checkbox"/> Air Quality                        |
| <input type="checkbox"/> Biological Resources     | <input type="checkbox"/> Cultural Resources            | <input type="checkbox"/> Geology/Soils                      |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality            |
| <input type="checkbox"/> Land Use/Planning        | <input type="checkbox"/> Mineral Resources             | <input type="checkbox"/> Noise                              |
| <input type="checkbox"/> Population/Housing       | <input type="checkbox"/> Public Services               | <input type="checkbox"/> Recreation                         |
| <input type="checkbox"/> Transportation/Traffic   | <input type="checkbox"/> Utilities/Service Systems     | <input type="checkbox"/> Mandatory Findings of Significance |

**D. DETERMINATION**

I certify that this project was independently reviewed and analyzed and that this document reflects the independent judgment of the District.

- I find that the proposed project is exempt from CEQA requirements under Public Resource Code 15061 (b)(3), and a Notice of Exemption has been prepared.
- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

Signature:  Date: 7/21/10

Printed name: Jim Swaney, P.E.  
 Title: Permit Services Manager



**E. ENVIRONMENTAL IMPACT CHECKLIST**

I. AESTHETICS Would the proposal:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Affect a scenic vista or scenic highway?				X
b) Have a demonstrable negative aesthetic effect?				X
c) Create light or glare?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect aesthetics, as identified above (a-c).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

II. AGRICULTURE RESOURCES In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect agricultural resources, as identified above (a-c).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report



<b>III. AIR QUALITY</b> Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Conflict with or obstruct implementation of the applicable air quality plan?				X
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				X
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				X
d) Expose sensitive receptors to substantial pollutant concentrations?				X
e) Create objectionable odors affecting a substantial number of people?				X

**Discussion:** District staff has prepared the *Staff Report: Proposed Amendments to Rule 4354 (Glass Melting Furnaces)* for consideration by the District's Governing Board. The proposed amendments to Rule 4354 would provide flexibility for flat glass manufacturers to defer meeting the Tier 3 emission limitation in January 1, 2011 provided they meet the "Flat Glass early enhanced" emission limits by January 2014 instead of January 2018. The amendments will not affect the meaning, scope of, or prohibitions contained in current rule language. Implementation of the proposed amendments will not affect the existing emission limits that have been in place since 2008.

The amendments change the final implementation compliance date for a single existing facility. The proposed amendment would allow the deferment of compliance with Tier 3 emissions limits. However, because the compliance option requires compliance with Tier 4 enhanced emissions limitations four years early, implementation of the amendment would result in additional decreases in criteria pollutant emissions beyond those required by the current rule. Thus, the District concludes that the proposed amendments would have a positive impact on air quality. Adoption of the proposed amendments does not impose regulatory requirements that would adversely affect air quality, as identified above (a-e).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report





<b>IV. BIOLOGICAL RESOURCES</b> Would the project:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				<b>X</b>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				<b>X</b>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				<b>X</b>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				<b>X</b>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				<b>X</b>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				<b>X</b>

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect biological resources, as identified above (a-f).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report



V. CULTURAL RESOURCES Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?				X
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X
d) Disturb any human remains, including those interred outside of formal cemeteries?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect cultural resources, as identified above (a-d).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

VI. GEOLOGY/SOILS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				X



VI. GEOLOGY/SOILS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect geology/soils, as identified above (a-e).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

VII. GREENHOUSE GAS EMISSIONS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				X
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?				X

**Discussion:** Global Climate Change (GCC), which is now generally accepted by the scientific community to be caused by Greenhouse Gases (GHGs), is a widely discussed scientific, economic, and political issue in the United States. Briefly stated, GCC is the cumulative change in the average weather of the earth that may be measured by changes in temperature, precipitation, storms, and wind. GHGs are gases that trap heat in the atmosphere. Some greenhouse gases such as water vapor occur naturally and are emitted to the atmosphere through natural processes as well as through human activities, such as electricity production, vehicle use, etc. The most common GHG that results from human activity is carbon dioxide, followed by methane and nitrous oxide.

District staff has prepared the *Staff Report: Proposed Amendments to Rule 4354 (Glass Melting Furnaces)* (Report) for consideration by the District's Governing Board. The proposed amendments to Rule 4354 will not affect the meaning, scope of, or prohibitions



contained in current rule language. Implementation of the proposed amendments will not affect the existing emission limits that have been in place since 2008. Furthermore, the amendments change only the final implementation compliance date for a single existing facility.

District staff examined the proposed amendments to determine their potential to have a cumulatively significant impact on global climate change. The analysis demonstrates that adoption of the amendments will not result in increased greenhouse gas emissions. Thus, the District concludes that the project would not have a cumulatively significant impact on global climate change.

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

VIII. HAZARDS & HAZARDOUS MATERIALS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X



VIII. HAZARDS & HAZARDOUS MATERIALS Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect hazards and hazardous material, as identified above (a-h).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

IX. HYDROLOGY AND WATER QUALITY Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?				X
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?				X
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?				X



IX. HYDROLOGY AND WATER QUALITY Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?				X
f) Otherwise substantially degrade water quality?				X
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect hydrology/water quality, as identified above (a-i).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

X. LAND USE/PLANNING Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose



regulatory requirements that would affect land use/planning as identified above (a-c).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

<b>XI. MINERAL RESOURCES</b> Would the project:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect mineral resources, as identified above (a-b).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

<b>II. NOISE</b> Would the project result in:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				X
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				X



XII. NOISE Would the project result in:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect noise, as identified above (a-f).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

XIII. POPULATION/HOUSING Would the project:	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect population/housing, as identified above (a-c).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report





<b>XIV. PUBLIC SERVICES</b> Would the project:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?				X
Police protection?				X
Schools?				X
Parks?				X
Other public facilities?				X
b) Cumulatively exceed official regional or local population projections?				X
c) Induce substantial growth in an area either directly or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?				X
d) Displace existing housing, especially affordable housing?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect public services, as identified above (a-d).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

<b>XV. RECREATION</b>	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X



**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect recreation, as identified above (a-b).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report

<b>XVI. TRANSPORTATION/TRAFFIC</b> Would the project:	<b>Potentially Significant Impact</b>	<b>Potentially Significant Impact Unless Mitigated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?				X
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?				X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e) Result in inadequate emergency access?				X
f) Result in inadequate parking capacity?				X
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect transportation/traffic, as identified above (a-g).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report



<b>XVII. UTILITIES/SERVICE SYSTEMS</b> Would the project:	<b>Potentiall y Significa nt Impact</b>	<b>Potentiall y Significa nt Impact Unless Mitigated</b>	<b>Less Than Significa nt Impact</b>	<b>No Impact</b>
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				<b>X</b>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				<b>X</b>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				<b>X</b>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				<b>X</b>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				<b>X</b>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				<b>X</b>
g) Comply with federal, state, and local statutes and regulations related to solid waste?				<b>X</b>

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would affect utilities/service systems, as identified above (a-g).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report



XVIII. MANDATORY FINDINGS OF SIGNIFICANCE	Potentially Significant Impact	Potentially Significant Impact Unless Mitigated	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively Considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?				X

**Discussion:** Proposed *Draft Amendments to District Rule 4354 (Glass Melting Furnaces)* is a rule development project. Adoption of the proposed amendments does not impose regulatory requirements that would have adverse environmental impacts as identified above (a-c).

**Mitigation:** None

**Reference:** *Draft Amendments to Rule 4354 (Glass Melting Furnaces)* and supporting staff report